

Title (en)
UNDERWATER MOBILE INSPECTION APPARATUS AND UNDERWATER INSPECTION EQUIPMENT

Title (de)
MOBILE UNTERWASSERINSPEKTIONSVORRICHTUNG UND UNTERWASSERINSPEKTIONSAUSRÜSTUNG

Title (fr)
APPAREIL D'INSPECTION MOBILE SOUS-MARINE ET ÉQUIPEMENT D'INSPECTION SOUS-MARINE

Publication
EP 3398847 B1 20200325 (EN)

Application
EP 18179477 A 20120913

Priority

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Abstract (en)
[origin: EP2762401A1] An object is to prevent damage to an inspection object such as a subsea structure, the damage being due to receiving force based on the mass of a cruising body, and to improve the quality of various work, including an inspection of the inspection object. An underwater mobile inspection apparatus 11 is capable of inspecting a subsea pipeline (inspection object) 13 while cruising. The underwater mobile inspection apparatus 11 includes: a cruising body 14 configured to submerge under water and cruise along the inspection object in such a manner as not to come into contact with the subsea pipeline 13; a first movable arm 16 provided on the cruising body 14; an inspection tool unit 17 for use in inspecting the subsea pipeline 13, the inspection tool unit 17 being provided on the first movable arm 16; and a controller configured to, when the cruising body 14 cruises along the subsea pipeline 13 in such a manner as not to come into contact with the subsea pipeline 13, operate the first movable arm 16 to move the inspection tool unit 17, such that a positional relationship of the inspection tool unit 17 with the subsea pipeline 13 becomes a predetermined target positional relationship.

IPC 8 full level
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